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**FACSIMILE COVER SHEET**

Date: <b>January 30, 2006</b>	Client & Matter Number: <b>021756-016300US</b>	No. Pages (including this one): <b>8</b>
To: <b>U.S. Patent and Trademark Office</b>	At Fax Number: <b>(571) 273-8300</b>	Confirmation Phone Number:

**From: Jason D. Lohr**

**(3994)**

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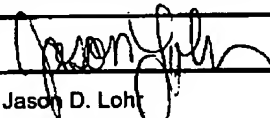
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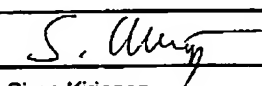
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JAN 30 2006

PTO/SB/21 (09-04)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/041,033
	Filing Date	December 28, 2001
	First Named Inventor	
	Art Unit	2187
	Examiner Name	Kimberly N. McLean Mayo
	Attorney Docket Number	021756-016300US
Total Number of Pages in This Submission		7

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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TOWNSEND and TOWNSEND and CREW LLP

By: S. Ueng

PATENT

Appl. No. 10/041,033

Amdt. dated January 30, 2006

Amendment under 37 CFR 1.116 Expedited

Procedure Examining Group 2187

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jin YANG et al.

Application No.: 10/041,033

Filed: December 28, 2001

For: SYSTEM AND METHOD FOR  
EFFICIENTLY PERFORMING  
MEMORY INTENSIVE  
COMPUTATIONS INCLUDING A  
BIDIRECTIONAL  
SYNCHRONIZATION MECHANISM  
FOR MAINTAINING CONSISTENCY  
OF DATA

Customer No.: 51206

Confirmation No.

Examiner: Kimberly N. McLean Mayo

Technology Center/Art Unit: 2187

AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP 2187

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P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed November 30, 2005 for the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

OID-2005-246-01